

RAW SEQUENCE LISTING

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Application Serial Number: 10/550,786
Source: IFWO
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IFWO

RAW SEQUENCE LISTING

DATE: 06/26/2006

PATENT APPLICATION: US/10/550,786

TIME: 10:48:24

Input Set : A:\Sequence Listing of 10_550_786.txt

Output Set: N:\CRF4\06262006\J550786.raw

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4 <110> APPLICANT: BOUWSTRA, Jan Bastiaan
5     VAN ES, Andries Johannes Jozef
6     TODA, Yuzo
8 <120> TITLE OF INVENTION: RGD-enriched gelatine-like proteins with enhanced cell
binding
11 <130> FILE REFERENCE: BOUWSTRA-6
13 <140> CURRENT APPLICATION NUMBER: US 10/550,786
C--> 14 <141> CURRENT FILING DATE: 2005-09-27
16 <150> PRIOR APPLICATION NUMBER: PCT/NL04/00208
17 <151> PRIOR FILING DATE: 2004-03-26
19 <150> PRIOR APPLICATION NUMBER: EP 03075906.2
20 <151> PRIOR FILING DATE: 2003-03-28
23 <160> NUMBER OF SEQ ID NOS: 3
26 <170> SOFTWARE: PatentIn version 3.1
29 <210> SEQ ID NO: 1
31 <211> LENGTH: 250
33 <212> TYPE: PRT
35 <213> ORGANISM: Human partial COL1A1-sequence
39 <400> SEQUENCE: 1
41 Pro Pro Gly Pro Ala Gly Pro Ala Gly Glu Arg Gly Glu Gln Gly Pro
42 1           5           10           15
43 q
45 Ala Gly Ser Pro Gly Phe Gln Gly Leu Pro Gly Pro Ala Gly Pro Pro
46           20           25           30
49 Gly Glu Ala Gly Lys Pro Gly Glu Gln Gly Val Pro Gly Asp Leu Gly
50           35           40           45
53 Ala Pro Gly Pro Ser Gly Ala Arg Gly Glu Arg Gly Phe Pro Gly Glu
54           50           55           60
57 Arg Gly Val Gln Gly Pro Pro Gly Pro Ala Gly Pro Arg Gly Ala Asn
58 65           70           75           80
61 Gly Ala Pro Gly Asn Asp Gly Ala Lys Gly Asp Ala Gly Ala Pro Gly
62           85           90           95
65 Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Met Pro Gly Glu
66           100          105          110
69 Arg Gly Ala Ala Gly Leu Pro Gly Pro Lys Gly Asp Arg Gly Asp Ala
70           115          120          125
73 Gly Pro Lys Gly Ala Asp Gly Ser Pro Gly Lys Asp Gly Val Arg Gly
74           130          135          140
77 Leu Thr Gly Pro Ile Gly Pro Pro Gly Pro Ala Gly Ala Pro Gly Asp
78 145          150          155          160
81 Lys Gly Glu Ser Gly Pro Ser Gly Pro Ala Gly Pro Thr Gly Ala Arg
82           165          170          175
85 Gly Ala Pro Gly Asp Arg Gly Glu Pro Gly Pro Pro Gly Pro Ala Gly
86           180          185          190

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89 Phe Ala Gly Pro Pro Gly Ala Asp Gly Gln Pro Gly Ala Lys Gly Glu
90      195      200      205
93 Pro Gly Asp Ala Gly Ala Lys Gly Asp Ala Gly Pro Pro Gly Pro Ala
94      210      215      220
97 Gly Pro Ala Gly Pro Pro Gly Pro Ile Gly Asn Val Gly Ala Pro Gly
98 225      230      235      240
101 Ala Lys Gly Ala Arg Gly Ser Ala Gly Pro
102      245      250
105 <210> SEQ ID NO: 2
107 <211> LENGTH: 252
109 <212> TYPE: PRT
111 <213> ORGANISM: Artificial sequence
115 <220> FEATURE:
117 <223> OTHER INFORMATION: Repeated partial human COL1A1-1 sequence
119 <400> SEQUENCE: 2
121 Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Met Pro Gly
122 1      5      10      15
125 Glu Arg Gly Ala Ala Gly Leu Pro Gly Pro Lys Gly Asp Arg Gly Asp
126      20      25      30
129 Ala Gly Pro Lys Gly Ala Asp Gly Ser Pro Gly Lys Asp Gly Val Arg
130      35      40      45
133 Gly Leu Thr Gly Pro Ile Gly Pro Pro Gly Pro Ala Gly Ala Pro Gly
134      50      55      60
137 Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Met Pro Gly Glu
138 65      70      75      80
141 Arg Gly Ala Ala Gly Leu Pro Gly Pro Lys Gly Asp Arg Gly Asp Ala
142      85      90      95
145 Gly Pro Lys Gly Ala Asp Gly Ser Pro Gly Lys Asp Gly Val Arg Gly
146      100      105      110
149 Leu Thr Gly Pro Ile Gly Pro Pro Gly Pro Ala Gly Ala Pro Gly Ala
150      115      120      125
153 Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Met Pro Gly Glu Arg
154      130      135      140
157 Gly Ala Ala Gly Leu Pro Gly Pro Lys Gly Asp Arg Gly Asp Ala Gly
158 145      150      155      160
161 Pro Lys Gly Ala Asp Gly Ser Pro Gly Lys Asp Gly Val Arg Gly Leu
162      165      170      175
165 Thr Gly Pro Ile Gly Pro Pro Gly Pro Ala Gly Ala Pro Gly Ala Pro
166      180      185      190
169 Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Met Pro Gly Glu Arg Gly
170      195      200      205
173 Ala Ala Gly Leu Pro Gly Pro Lys Gly Asp Arg Gly Asp Ala Gly Pro
174      210      215      220
177 Lys Gly Ala Asp Gly Ser Pro Gly Lys Asp Gly Val Arg Gly Leu Thr
178 225      230      235      240
181 Gly Pro Ile Gly Pro Pro Gly Pro Ala Gly Ala Pro
182      245      250
185 <210> SEQ ID NO: 3
187 <211> LENGTH: 625

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189 <212> TYPE: PRT

191 <213> ORGANISM: Artificial sequence

195 <220> FEATURE:

197 <223> OTHER INFORMATION: Human Partial COL5A2 sequence

199 <400> SEQUENCE: 3

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201 Gln Gly Pro Ile Gly Pro Pro Gly Glu Glu Gly Lys Arg Gly Pro Arg
202 1          5          10          15
205 Gly Asp Pro Gly Thr Leu Gly Pro Pro Gly Pro Val Gly Glu Arg Gly
206          20          25          30
209 Ala Pro Gly Asn Arg Gly Phe Pro Gly Ser Asp Gly Leu Pro Gly Pro
210          35          40          45
213 Lys Gly Ala Gln Gly Glu Arg Gly Pro Val Gly Ser Ser Gly Pro Lys
214          50          55          60
217 Gly Ser Gln Gly Asp Pro Gly Arg Pro Gly Glu Pro Gly Leu Pro Gly
218 65          70          75          80
221 Ala Arg Gly Leu Thr Gly Asn Pro Gly Val Gln Gly Pro Glu Gly Lys
222          85          90          95
225 Leu Gly Pro Leu Gly Ala Pro Gly Glu Asp Gly Arg Pro Gly Pro Pro
226 100          105          110
229 Gly Ser Ile Gly Ile Lys Gly Gln Pro Gly Thr Met Gly Leu Pro Gly
230          115          120          125
233 Pro Lys Gly Ser Asn Gly Asp Pro Gly Lys Pro Gly Glu Ala Gly Asn
234          130          135          140
237 Pro Gly Val Pro Gly Gln Arg Gly Ala Pro Gly Lys Asp Gly Lys Val
238 145          150          155          160
241 Gly Pro Tyr Gly Pro Pro Gly Pro Pro Gly Leu Arg Gly Glu Arg Gly
242          165          170          175
245 Glu Gln Gly Pro Pro Gly Pro Thr Gly Phe Gln Gly His Pro Gly Pro
246          180          185          190
249 Pro Gly Pro Pro Gly Glu Gly Gly Lys Pro Gly Asp Gln Gly Val Pro
250          195          200          205
253 Gly Gly Pro Gly Ala Val Gly Pro Leu Gly Pro Arg Gly Glu Arg Gly
254          210          215          220
257 Asn Pro Gly Glu Arg Gly Glu Pro Gly Ile Thr Gly Leu Pro Gly Glu
258 225          230          235          240
261 Lys Gly Met Ala Gly Gly His Gly Pro Asp Gly Pro Lys Gly Ser Pro
262          245          250          255
265 Gly Pro Ser Gly Thr Pro Gly Asp Thr Gly Pro Pro Gly Leu Gln Gly
266          260          265          270
269 Met Pro Gly Glu Arg Gly Ile Ala Gly Thr Pro Gly Pro Lys Gly Asp
270          275          280          285
273 Arg Gly Gly Ile Gly Glu Lys Gly Ala Glu Gly Thr Ala Gly Asn Asp
274          290          295          300
277 Gly Ala Gly Gly Leu Pro Gly Pro Leu Gly Pro Pro Gly Pro Ala Gly
278 305          310          315          320
281 Leu Leu Gly Glu Lys Gly Glu Pro Gly Pro Arg Gly Leu Val Gly Pro
282          325          330          335
285 Pro Gly Ser Arg Gly Asn Pro Gly Ser Arg Gly Glu Asn Gly Pro Thr
286          340          345          350

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289 Gly Ala Val Gly Phe Ala Gly Pro Gln Gly Ser Asp Gly Gln Pro Gly
290      355      360      365
293 Val Lys Gly Glu Pro Gly Glu Pro Gly Gln Lys Gly Asp Ala Gly Ser
294      370      375      380
297 Pro Gly Pro Gln Gly Leu Ala Gly Ser Pro Gly Pro His Gly Pro Asn
298 385      390      395      400
300 Gly Val Pro Gly Leu Lys Gly Gly Arg Gly Thr Gln Gly Pro Pro Gly
302      405      410      415
305 Ala Thr Gly Phe Pro Gly Ser Ala Gly Arg Val Gly Pro Pro Gly Pro
306      420      425      430
309 Ala Gly Ala Pro Gly Pro Ala Gly Pro Leu Gly Glu Pro Gly Lys Glu
310      435      440      445
313 Gly Pro Pro Gly Pro Arg Gly Asp Pro Gly Ser His Gly Arg Val Gly
314      450      455      460
317 Val Arg Gly Pro Ala Gly Pro Pro Gly Gly Pro Gly Asp Lys Gly Asp
318 465      470      475      480
321 Pro Gly Glu Asp Gly Gln Pro Gly Pro Asp Gly Pro Pro Gly Pro Ala
322      485      490      495
325 Gly Thr Thr Gly Gln Arg Gly Ile Val Gly Met Pro Gly Gln Arg Gly
326      500      505      510
329 Glu Arg Gly Met Pro Gly Leu Pro Gly Pro Ala Gly Thr Pro Gly Lys
330      515      520      525
333 Val Gly Pro Thr Gly Ala Thr Gly Asp Lys Gly Pro Pro Gly Pro Val
334      530      535      540
337 Gly Pro Pro Gly Ser Asn Gly Pro Val Gly Glu Pro Gly Pro Glu Gly
338 545      550      555      560
341 Pro Ala Gly Asn Asp Gly Thr Pro Gly Arg Asp Gly Ala Val Gly Glu
342      565      570      575
345 Arg Gly Asp Arg Gly Asp Pro Gly Pro Ala Gly Leu Pro Gly Ser Gln
346      580      585      590
349 Gly Ala Pro Gly Thr Pro Gly Pro Val Gly Ala Pro Gly Asp Ala Gly
350      595      600      605
353 Gln Arg Gly Asp Pro Gly Ser Arg Gly Pro Ile Gly His Leu Gly Arg
354      610      615      620
357 Ala
358 625

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VERIFICATION SUMMARY

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Input Set : A:\Sequence Listing of 10_550_786.txt

Output Set: N:\CRF4\06262006\J550786.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date